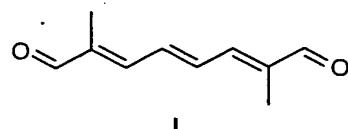


## A process for preparing 2,7-dimethylocta-2,4,6-trienedial

## Abstract

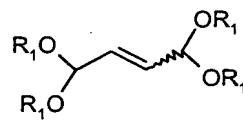
5 The present invention relates to an improved process for preparing 2,7-dimethylocta-2,4,6-trienedial of the formula I;



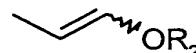
by

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a) double enol ether condensation of a butenedial bisacetal of the formula II with an enol ether of the formula III,



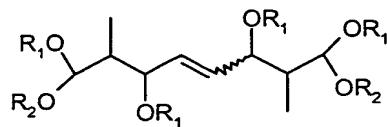
II



III

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in the presence of a Lewis acid catalyst to give a condensation product of the formula IV,

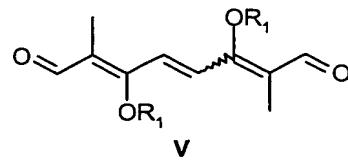


IV

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where the radicals R<sub>1</sub> and R<sub>2</sub> in formulae II to IV are independently of one another C<sub>1</sub>-C<sub>6</sub>-alkyl;

25 b) hydrolysis of the acetal groups of IV by adding an aqueous acid to form the dialdehyde of the formula V;



V

d) crystallization of I from the reaction mixture,

Wherein process steps a) to d) are carried out in the presence of an inert, water-  
5 immiscible organic solvent.